

FALL 2008

Math 3130 Introduction to Linear Algebra

MWF 3:00-3:50pm, ECCR 110

Instructor: Prof. Siye Wu, Mathematics Room 325

Telephone numbers: (303)492-7716, E-mail address: swu@math.colorado.edu

Office hours: Wednesday 12:00(noon)-1:50pm and 4pm-4:50pm

Prerequisites: Math 2400 (Calculus 3) or equivalent

Textbook: O. Bretscher, *Linear Algebra with Applications* (3rd ed.), Pearson Prentice Hall, 2005

Grading: Your course grade will be computed from homework (12%), three exams (45% each) and a final (43%). There will be no extra credit for any other work done. Grades will be “curved” only at the end of the semester so that your performance will be measured in relation to that of other students in class.

Homework: There will be 7 homework assignments; the one with the lowest grade will be dropped. Each assignment contains the exercises of one chapter, except the last one, which contains Chapters 7 and 8. The homework is due in class and the due dates are in the syllabus. No late homework will be accepted. Show all your steps to get full credit. Not all problems will be graded. As it will take a few days to have your homework graded, if you need it for reviewing for the exams, please make a photocopy before handing it in.

Exams: The three exams in the semester are on Friday, September 19, October 17 and Wednesday, November 12, in class. The final exam is on Saturday, December 13, 7:30pm-10pm.

(Check http://registrar.colorado.edu/calendar/exam_sched_fall108.html)

Please mark your calendar now. No extra dates for the exams can be granted except with a documented medical situation or family emergency, due to observance of a religious holiday, or if you have three or more final exams on the same day. Please see the Instructor well in advance if there is a problem. Calculators are not needed and not allowed in the exams. Neither are books, notes, homework allowed.

Help Lab: In addition to my office hours, there is a Help Lab in Mathematics Room 175, which opens Monday-Thursday 8am-6pm and Friday 8am-2pm.

Students with Disabilities: If you qualify for accommodations because of a disability, please submit to the Instructor a letter from Disability Services in a timely manner so that your needs may be addressed. Disability Services determines accommodations based on documented disabilities. (303-492-8671, Willard 322, <http://www.colorado.edu/disabilityservices>)

Other policies:

Religious observance: http://www.colorado.edu/policies/fac_relig.html

Student Honor Code: <http://www.colorado.edu/policies/honor.html>

Syllabus

mm/dd	Section	Homework problems and/or other matters	Due date
M 08/25	1.1	6, 7, 8, 26	F 09/05
W 08/27	1.2	1, 4, 6, 9, 18	F 09/05
F 08/29	1.3	1, 4, 18, 36, 47	F 09/05
M 09/01		<i>US Labor Day, no class</i>	
W 09/03	1.3, 2.1	<i>last day to add a course without instructor's signature</i>	
F 09/05	2.1	5, 6, 8, 9, 12	F 09/19
M 09/08	2.2	7, 8, 28	F 09/19
W 09/10	2.2-3	<i>last day to drop a course without instructor's signature</i>	
F 09/12	2.3	9, 10, 13, 34 <i>last day to add a course without petitioning your dean</i>	F 09/19
M 09/15	2.4	5, 17, 21, 22, 36, 40	F 09/19
W 09/17		<i>review of Chapters 1-2, questions & answers</i>	
F 09/19		first exam, covering Chapters 1-2	

Syllabus (continued)

mm/dd	Section	Homework problems and/or other matters	Due date
M 09/22	3.1	24, 35, 36, 37, 44	M 10/06
W 09/24	3.1-2		
F 09/26	3.2	2, 6, 17, 18, 32	M 10/06
M 09/29	3.3	19, 22, 26, 32, 53	M 10/06
W 10/01	3.3-4		M 10/06
F 10/03	3.4	17, 25, 30, 36, 61 <i>last day for students who have 3 or more final exams on same day to make arrangements to change final schedules</i>	M 10/06
M 10/06	4.1	25, 30, 23, 36, 47	F 10/17
W 10/08	4.1-2	<i>last day to drop a course without petitioning your dean</i>	
F 10/10	4.2	6, 11, 29, 46, 68	F 10/17
M 10/13	4.3	7, 26, 49, 56, 61	F 10/17
W 10/15		<i>review of Chapters 3-4, questions & answers</i>	
F 10/17		second exam, covering Chapters 3-4	
M 10/20	5.1	5, 11, 16, 17	F 10/31
W 10/22	5.1-2		
F 10/24	5.2	4, 6, 34, 35, 38	F 10/31
M 10/27	5.3	32, 33, 37, 40, 54, 55	F 10/31
W 10/29	5.3, 6.1		
F 10/31	6.1	8, 17, 22, 40	M 11/10
M 11/03	6.2	9, 11, 16, 17, 30	M 11/10
W 11/05	6.2-3		
F 11/07	6.3	7, 14, 24, 25, 38	M 11/10
M 11/10		<i>review of Chapters 5-6, questions and answers</i>	
W 11/12		third exam, covering Chapters 5-6	
F 11/14	7.2	11, 19, 32, 33	M 12/08
M 11/17	7.2-3		
W 11/19	7.3	5, 16, 19, 28	M 12/08
F 11/21	7.4	27, 28, 38, 48	M 12/08
11/24-28		<i>Fall Break and Thanksgiving Holiday, no class</i>	
M 12/01	7.4-5		
W 12/03	7.5	11, 25, 26	M 12/08
F 12/05	8.1	6, 11, 13	M 12/08
M 12/08		<i>review of Chapters 7-8, questions and answers</i>	
W 12/10		<i>review, questions and answers</i>	
F 12/12		<i>review, questions and answers</i>	
Sa 12/13		final examination, 7:30pm-10pm	

Course webpage: <http://math.colorado.edu/~swu/3130.html>

Office hours: Wednesday 12:00(noon)-2:50pm, Room 325, Mathematics Building ¹

Help Lab: Monday-Thursday 8am-6pm and Friday 8am-2pm, Room 175, Mathematics Building

¹Please knock if door is closed. Extra office hours will be available before the final exam.